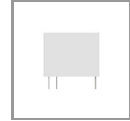
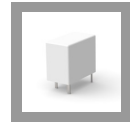


STANDARD POWER RELAYS



TE CONNECTIVITY (TE)
OJ-SH-112DM,000

OEG | OJ/OJE

OJ-SH-112DM,000

TE Internal Number: 1461406-4

Converted to EU RoHS/ELV Compliant

Contact Current Rating (A) **5**

Coil Power Rating (DC) (mW) **450**

Insulation Clearance Class **2.5 – 4mm**

Insulation Creepage Class **5.5 – 8mm**

Terminal Type **PCB-THT**

✓ Active

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

Product Drawings

[OJ-SH-DM SPEC,000 CUSTOMER DRAWING](#)

PDF
English

CAD Files

[3D PDF](#)

PDF
3D

[Customer View Model](#)

2D_DXF.ZIP
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

Catalog Pages/Data Sheets

[OJ_OJE Series Relay Data Sheet English](#)

PDF
English

Product Specifications

Product Specification

[OJ-SH-112DM,000 Spec Sheet](#)

PDF
Japanese

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	Product Type	Relay
	Relay Type	Miniature PCB Relay
Electrical Characteristics	Coil Power Rating (DC) (mW)	450
	Insulation Creepage Class	5.5 – 8mm
	Coil Voltage Rating (VDC)	12
	Contact Voltage Rating	250 VAC [30 VDC]
	Contact Switching Voltage (Max)	277 VAC [30 VDC]
	Contact Limiting Breaking Current (A)	5
	Coil Special Features	UL Coil Insulation Class B
	Contact Limiting Continuous Current (A)	5
	Coil Magnetic System	Monostable, DC
	Contact Limiting Short-Time Current (A)	5
	Insulation Creepage Between Contact and Coil	9.4 mm [.37 in]
	Coil Resistance (Ω)	320
	Contact Limiting Making Current (A)	5
	Contact Switching Load (Min)	100mA @ 5V
	Insulation Initial Dielectric Between Open Contacts (Vrms)	750
	Insulation Initial Dielectric Between Contacts and Coil (Vrms)	4000
	Coil Power Rating Class	400 – 500 mW
	Insulation Initial Dielectric Between Coil/Contact Class	3500 – 4000 V
Body Features	Insulation Special Features	Tracking Index of Relay Base PTI250
	Weight	9 g [.318 oz]
Contact Features	Contact Current Rating (A)	5
	Terminal Type	PCB-THT
	Contact Arrangement	1 Form A (NO)
	Contact Number of Poles	1
	Contact Material	Ag
	Contact Current Class	2 – 5 A, Less Than 16A

Mechanical Attachment	Mounting Type	Printed Circuit Board
Dimensions	Insulation Clearance Class	2.5 – 4mm
	Length Class (Mechanical) (mm)	16 – 20
	Length	18.2 mm [.717 in]
	Height Class (Mechanical) (mm)	14 – 15
	Height	14.7 mm [.579 in]
	Insulation Clearance Between Contact and Coil	7.7 mm [.303 in]
	Width Class (Mechanical) (mm)	10 – 12
	Width	10.2 mm [.4 in]
Usage Conditions	Environmental Category of Protection	RTIII
	Environmental Ambient Temperature (Max)	85 °C [185 °F]
	Environmental Ambient Temperature Class	70 – 85°C
Packaging Features	Packaging Method	Tray, Tray/Box
Product Compliance	<p>Statement of Compliance PDF</p> <p>VIEW ALL PRODUCT COMPLIANCE</p>	